

# Vacuum Degassing Oven (VDO Touch)

The ATS Vacuum Degassing Oven (VDO Touch) removes air bubbles created during the in-service oxidative aging of asphalt binder by the PAV. This new and improved model maintains the same user friendly features that the original ATS VDO was known for, while incorporating updated software and touchscreen capabilities to enhance your testing experience. The ATS VDO Touch meets AASHTO R28, ASTM D6521, and EN 14769 test standards.



## Features

- Industrial strength touchscreen display and enhanced software.
- Programmable vacuum time, temperature, and soak times.
- Remote connection allows users to monitor and control their VDO Touch offsite.
- Platinum RTD temperature measurement.
- Includes 4 eight ounce containers and a specimen removal tool.
- Optional ATS system verification kit available.

## Product Specifications

Unit Design	Bench Top Unit
Specimen Capacity	4 eight ounce or 8 four ounce specimen containers
Product Dimensions	24 inches wide x 16 inches deep x 12 inches high
Weight	78 lbs.
Temperature Range	Ambient to 392°F (200°C)
Temperature Accuracy	0.2°F ( $\pm 0.1^\circ\text{C}$ )
RTD Temperature Measurement Accuracy	Class A RTD at max. temperature $\pm 1^\circ\text{F}$ ( $\pm 0.55^\circ\text{C}$ )
Over-Temperature Protection	Disc Thermostat open on rise Auto reset, Open 425°F $\pm 15^\circ\text{F}$ (218°C $\pm 8^\circ\text{C}$ ), Close 375°F $\pm 20^\circ\text{F}$ (191°C $\pm 12^\circ\text{C}$ )
Vacuum Range	6.6 KPA
Power Requirements	115 V / 60 Hz or 230 V / 50 Hz